

Converting Colors

HunterLab(47.6717, -35.1176,
16.2233)

Have a look what the booklet for
HunterLab(47.6717, -35.1176,
16.2233) contains.

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Color

**HunterLab(47.5241,
-34.9474, 16.0403)**

Conversions

Conversions Part 1

Format	Color
Hex	00965C
RGB	0, 150, 92
RGB Percent	0%, 59%, 36%
CMY	1.0000, 0.4118, 0.6392
CMYK	1.00, 0.00, 0.39, 0.41
HSL	157°, 100%, 29%
HSV	157°, 100%, 59%
XYZ	12.8381, 22.5854, 13.8080
YIQ	98.5380, -70.7820, -49.8380

Conversions

Conversions Part 2

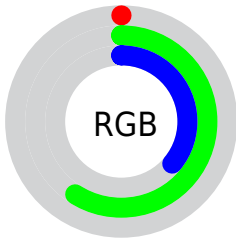
Format	Color
RYB	0, 93, 150
Decimal	38492
CIELab	54.64, -47.95, 21.32
CIELCh	55, 52.478, 156.034
Yxy	22.5863, 0.2608, 0.4588
Android (android.graphics.Color)	4278228572 (0xFF00965C)
YUV	98.5380, -3.2232, -86.4178
Hunter-Lab	47.5241, -34.9474, 16.0403

Details

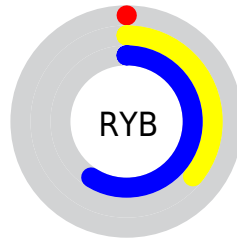
The HunterLab color $[47.5241, -34.9474, 16.0403]$ is a dark color, and the websafe version is hex 009966 . A complement of this color would be $[26.0576, 45.7956, 7.7478]$, and the grayscale version is $[35.1820, -1.8772, 1.9115]$.

A 20% lighter version of the original color is $[68.9762, -41.6868, 19.4356]$, and $[29.8744, -23.3533, 13.0725]$ is the 20% darker color. If you saturate the color by 10%, you get $[47.5250, -34.9483, 16.0413]$, and if you desaturate by 10%, it is $[47.7423, -33.8258, 14.5369]$.

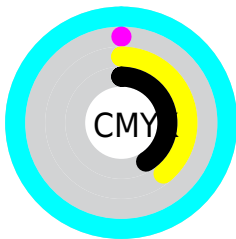
Distribution



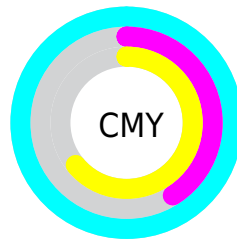
- Red (0%)
- Green (59%)
- Blue (36%)



- Red (0%)
- Yellow (36%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5241, -34.9474, 16.0403 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 47.5241, -34.9474, 16.0403 by changing the saturation by 10% instead.

■ 47.5241, -34.9474,
16.0403

■ 47.5241, -34.9474,
16.0403

162.9702,
-62.2624, 31.3406

■ 37.7999, -31.2347,
14.1464

■ 69.0747, -41.7603,
19.6310

■ 28.8470, -27.2279,
12.1504

■ 80.8151, -44.9439,
21.3607

■ 20.7397, -22.8146,
10.0074

■ 93.1542, -48.0163,
23.0614

■ 13.5776, -18.8936,
8.3041

■ 106.0644,
-50.9970, 24.7406

■ 7.1699, -12.5474,
5.0190

■ 119.5213,
-53.9012, 26.4041

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 133.5036,

-56.7407, 28.0563

0.0000, NaN, NaN

147.9923,
-59.5251, 29.7009

0.0000, NaN, NaN

■ 47.5241, -34.9474,
16.0403

■ 47.5241, -34.9474,
16.0403

■ 47.5250, -34.9483,
16.0413

■ 47.7423, -33.8258,
14.5369

■ 48.0428, -32.3524,
13.0049

■ 48.4607, -30.3976,
11.4886

■ 49.0070, -27.9333,
10.0117

■ 49.6893, -24.9512,
8.5959

■ 50.5122, -21.4590,
7.2604

■ 51.4780, -17.4777,
6.0216

■ 52.5870, -13.0385,
4.8926

■ 53.8378, -8.1798,
3.8832

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.5250, -24.6594, 24.7802



47.5241, -34.9474, 16.0403



47.5250, -37.2960, -1.7731

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.5250, -34.9478, 16.0407



47.5250, 1.9234, -56.1604



47.5250, 36.0899, 20.5021

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47.5241, -34.9474, 16.0403



26.0576, 45.7956, 7.7478

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



47.5250, 46.4295, 6.5694



47.5241, -34.9474, 16.0403



47.5250, 24.5551, -41.9532

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.5250, -34.9478, 16.0407



47.5250, -18.3142, -49.7897



47.5250, 41.8692, -16.5052



47.5250, 15.6083, 26.4298

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.5241, -34.9474, 16.0403



47.5250, -34.4952, -18.3170



47.5250, 41.8692, -16.5052



47.5250, 41.0196, 16.9082

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47.5250, -34.9478, 16.0407



68.3029, -23.5503, 8.0933



47.7225, -35.7476, 28.7803



31.9163, -12.0603, 4.0980



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.5250, -34.9478, 16.0407



63.1056, -46.5971, 21.7132



44.1938, -20.1073, -11.8320



25.5433, -3.6803, 1.8029



43.2877, -31.7814, 14.5011



4.8491, -3.1487, 0.7363

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.0576, 45.7956, 7.7478



34.5689, 60.6673, 10.9650



26.1268, 41.3806, 16.8232



24.1874, 1.1254, 0.9567



23.7424, 41.7518, 6.8755



2.7288, 4.9899, -0.6920

Previews

White Background



This preview shows how the HunterLab color 47.5241, -34.9474, 16.0403 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 47.5241, -34.9474, 16.0403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 47.5241, -34.9474, 16.0403 Background



This preview shows how black text looks on a background with the HunterLab color 47.5241, -34.9474, 16.0403.



This preview shows how white text looks on a background with the HunterLab color 47.5241, -34.9474, 16.0403.

-34.9474, 16.0403.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47.5241, -34.9474, 16.0403

Protanopia

47.1891, -4.7816, 18.4556

Deuteranopia

47.2455, 2.9900, 14.6637



Tritanopia

47.7098, -19.2286, -8.9303

Trichromacy



Original Color

47.5241, -34.9474, 16.0403

Protanomaly

45.5556, -21.4086, 15.9611

Deuteranomaly

45.2063, -17.6470, 13.0330

Tritanomaly

47.4727, -26.5435, 1.9698

Monochromacy



Original Color

47.5241, -34.9474, 16.0403

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

38.5463, -18.1859, 6.4120

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5241, -34.9474, 16.0403 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 150, 92)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 92)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 150, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5241, -34.9474, 16.0403 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 150, 92) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 150, 92) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 150, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 92);  
box-shadow:4px 4px 4px 4px rgb(0, 150, 92)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.5241, -34.9474, 16.0403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 92) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 150,  
92) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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